

## Honeywell Sensing and Control



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### 380C3100

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*Actual product appearance may vary.*

**380 Series Industrial Potentiometer, Conductive Plastic Element, Solder lug Terminals, 2 W Power Rating, 100 Ohm Resistance Value**

#### Features

Robust nickel-plated brass shaft and bushings  
Conductive plastic element  
Linear taper  
100,000 cycle rotational life

#### Potential Applications

Manual controls (throttle, joystick)  
Electric vehicles  
Personal mobility  
Off-road vehicles  
Welding and heating  
Telecommunications

#### Description

The 380 Series is a robust 2 watt potentiometer that offers the advantages of a conductive plastic element and a 100,000 cycle rotational life. Special tapers and element designs available on a special order.

#### Supporting Documentation

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#### Product Specifications

Potentiometer Type	Industrial
Element Type	Conductive Plastic
Terminal	Solder lug
Power Rating	2 W
Resistance Value	100 Ohm
Resistance Tolerance	± 10 %
Linearity	± 5 %
Bushing Thread	9,53 mm [0.375 in] x 32 NEF-2A
Bushing Length	9,53 mm [0.375 in]
Bushing Type	Standard
Shaft Diameter	6,35 mm [0.25 in]
Shaft Length	22,23 mm [0.875 in]
Shaft Ending	Slotted
Body	27.8 mm [1.094 in] diameter max.

	except at terminal standoff
Electrical Taper	Linear
Operating Temperature	-55 °C to 120 °C [-67 °F to 248 °F]
Working Voltage (Max.)	500 V
Rotational Life	100000 cycles
Mechanical Rotation	312°
Availability	Global
Series Name	380
UNSPSC Code	4111363300
UNSPSC Commodity	4111363300 Potentiometers

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